

T. McKelvey

1636

#17

DATE: 06/05/2000
TIME: 11:21:36Input Set : A:\St95021.app
Output Set: N:\CRF3\06022000\H930480A.raw

3 <110> APPLICANT: BRACCO, Laurent
 4 SCHWEIGHOFFER, Fabien
 5 TOCQUE, Bruno
 7 <120> TITLE OF INVENTION: CONDITIONAL EXPRESSION SYSTEM
 9 <130> FILE REFERENCE: ST95021-US
 11 <140> CURRENT APPLICATION NUMBER: 08/930,480A
 12 <141> CURRENT FILING DATE: 1998-01-21
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477
 15 <151> PRIOR FILING DATE: 1996-03-29
 17 <150> PRIOR APPLICATION NUMBER: FR95/03841
 18 <151> PRIOR FILING DATE: 1995-03-31
 20 <160> NUMBER OF SEQ ID NOS: 32
 22 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 19
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Escherichia coli
 29 <400> SEQUENCE: 1
 30 tctctatcac tgataggga
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 17
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Bacteriophage lambda
 38 <400> SEQUENCE: 2
 39 tattcaccga aggata
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 74
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 3
 48 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
 49 1 5 10 15
 51 Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
 52 20 25 30
 54 Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
 55 35 40 45
 57 His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
 58 50 55 60
 60 Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
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 65 <211> LENGTH: 768
 66 <212> TYPE: DNA
 67 <213> ORGANISM: Artificial Sequence
 69 <220> FEATURE:
 70 <223> OTHER INFORMATION: Description of Artificial Sequence: ScFv Against
 71 p53

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73 <400> SEQUENCE: 4
 74 ttactcggc cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt 60
 75 gtaaggtcg gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaaaac 120
 76 tactatatgc actgggtgaa gcagaggcct gaacaggggcc tggagtggat tggatggatt 180
 77 gatcttaaga atggtgatac tgaatatgcc cccaaagtcc agggcaaggc cactatgact 240
 78 gcagacacat cctccaatac agcctacccgt cagccicagca scctggcata tgaggacact 300
 79 gccgttattt attgtaattt ttacggggat gctttggact atttggggca aggggcac 360
 80 gtcacccgtt ctcaggggtt aggcgggtca ggcggagggt gctctggccgg tggcggtatc 420
 81 gatgttttga tgaccaaaaac tcacactact ttgtcggtta ccattggacca accaggccccc 480
 82 atcttgcata agtcaagtcg gagecttgg gatagtgtat gaaaaacata tttgaatttg 540
 83 ttgttacaga ggcaggcga gtctccaaag cgcctaatct atctgggttc taaaactggac 600
 84 tctggagtcc ctgcacagggtt cactggcgtt ggcacaggga cagatttcac acttaaaatc 660
 85 aacagatggg aggctgggat ttggggatg tattattgtt ggcacaggatc acattctccg 720
 86 cttacgttgc tgctggcac caagctggaa attaaacggg cggccgca 768
 89 <210> SEQ ID NO: 5
 90 <211> LENGTH: 15
 91 <212> TYPE: PRT
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide Arm
 96 (Hinge)
 98 <400> SEQUENCE: 5
 99 Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly Ser
 100 1 5 10 15
 103 <210> SEQ ID NO: 6
 104 <211> LENGTH: 30
 105 <212> TYPE: DNA
 106 <213> ORGANISM: Artificial Sequence
 108 <220> FEATURE:
 109 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide Arm
 110 (Hinge)
 112 <220> FEATURE:
 113 <221> NAME/KEY: CDS
 114 <222> LOCATION: (1)..(30)
 115 <223> OTHER INFORMATION: Peptide Arm Coding Sequence
 117 <400> SEQUENCE: 6
 118 ccc aag ccc agt acc ccc cca ggt tct tca 30
 119 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
 120 1 5 10
 123 <210> SEQ ID NO: 7
 124 <211> LENGTH: 10
 125 <212> TYPE: PRT
 126 <213> ORGANISM: Artificial Sequence
 127 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide Arm
 130 <220> FEATURE:
 130 <400> SEQUENCE: 7
 131 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
 132 1 5 10
 136 <210> SEQ ID NO: 8

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137 <211> LENGTH: 18
 138 <212> TYPE: DNA
 139 <213> ORGANISM: Artificial Sequence
 141 <220> FEATURE:
 142 <223> OTHER INFORMATION: Description of Artificial Sequence: VSV Tag
 143 Peptide
 145 <220> FEATURE:
 146 <221> NAME/KEY: CDS
 147 <222> LOCATION: (1)..(18)
 148 <223> OTHER INFORMATION: VSV Tag Peptide Coding Sequence
 150 <400> SEQUENCE: 8
 151 atg aac cgg ctg ggc aag 18
 152 Met Asn Arg Leu Gly Lys
 153 1 5
 156 <210> SEQ ID NO: 9
 157 <211> LENGTH: 6
 158 <212> TYPE: PRT
 159 <213> ORGANISM: Artificial Sequence
 160 <223> OTHER INFORMATION: Description of Artificial Sequence: VSV Tag
 WOK 163 <220> FEATURE:
 163 <400> SEQUENCE: 9
 164 Met Asn Arg Leu Gly Lys
 165 1 5
 169 <210> SEQ ID NO: 10
 170 <211> LENGTH: 33
 171 <212> TYPE: DNA
 172 <213> ORGANISM: Artificial Sequence
 174 <220> FEATURE:
 175 <223> OTHER INFORMATION: Description of Artificial Sequence: myc Tag
 176 Peptide
 178 <220> FEATURE:
 179 <221> NAME/KEY: CDS
 180 <222> LOCATION: (1)..(33)
 181 <223> OTHER INFORMATION: myc Tag Peptide Coding Sequence
 183 <400> SEQUENCE: 10
 184 gaa caa aaa ctc atc tca gaa gag gat ctg aat 33
 185 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 186 1 5 10
 189 <210> SEQ ID NO: 11
 190 <211> LENGTH: 11
 191 <212> TYPE: PRT
 192 <213> ORGANISM: Artificial Sequence
 193 <223> OTHER INFORMATION: Description of Artificial Sequence: myc Tag
 WOK 196 <220> FEATURE:
 196 <400> SEQUENCE: 11
 197 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 198 1 5 10
 202 <210> SEQ ID NO: 12
 203 <211> LENGTH: 7

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204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence: SV40 NLS
209 Peptide
211 <400> SEQUENCE: 12
212 Pro Lys Lys Lys Arg Lys Val
213 1 5
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 76
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence:
223 Oligonucleotide
225 <400> SEQUENCE: 13
226 ggctctagac ccaagccag tacccccc 60
227 tttagataaaa gtaaag 76
230 <210> SEQ ID NO: 14
231 <211> LENGTH: 51
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence:
237 Oligonucleotide
239 <400> SEQUENCE: 14
240 cgtacggaat tcgggccctt actcgaggga cccactttca catttaagtt g 51
243 <210> SEQ ID NO: 15
244 <211> LENGTH: 76
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence:
250 Oligonucleotide
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253 ggctctagac ccaagccag tacccccc 60
254 cgcataaccc tgaag 76
257 <210> SEQ ID NO: 16
258 <211> LENGTH: 51
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence:
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267 cgtacggaat tcgggccctt actcgagtgc tgggtttt ttgttactcg g 51
270 <210> SEQ ID NO: 17
271 <211> LENGTH: 35
272 <212> TYPE: DNA

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275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence:
277 Oligonucleotide
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280 caggccatgg catgaagaaa ccactggatg qagaa 35
283 <210> SEQ ID NO: 18
284 <211> LENGTH: 43
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence:
290 Oligonucleotide
292 <400> SEQUENCE: 18
293 cgtcgatcc tcttagatgcg gccgcgtctg agtcaggccc ttc 43
296 <210> SEQ ID NO: 19
297 <211> LENGTH: 31
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Description of Artificial Sequence:
303 Oligonucleotide
305 <400> SEQUENCE: 19
306 caggctcgag aagaaaccac tggatggaga a 31
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 61
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312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence:
316 Oligonucleotide
318 <400> SEQUENCE: 20
319 caggctcgag cccaaagccca gtacccccc aggttcttca aagaaaccac tggatggaga 60
320 a 61
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324 <211> LENGTH: 37
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Description of Artificial Sequence:
330 Oligonucleotide
332 <400> SEQUENCE: 21
333 ggtcgaattc gggccctcag tctgagtcag gcccttc 37
336 <210> SEQ ID NO: 22
337 <211> LENGTH: 29
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Description of Artificial Sequence:

VERIFICATION SUMMARY

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